



AA  
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Naghma Hall

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**IN RE APPLICATION OF:**

Bussear, et al.

Docket No: 284-15718-US

Serial No: 10/047,728

Filed: January 15, 2002

Art Unit: 2837

Examiner: Renata McCloud

# Title: Apparatus and Method for Using a Surface Oscillator as a Downhole Seismic Source

## **RESPONSE TO OFFICE ACTION OF November 6, 2002**

This is in response to the Office Action of November 6, 2002. Please amend the application as follows:

RECEIVED  
FEB 18 2003  
THE TECHNOLOGY CENTER 2800  
END

## IN THE CLAIMS

Please add claims 27-36

27. The system of claim 12, wherein the anchor device is a slip anvil, said slip anvil adapted to act cooperatively with a driver coupled to the vibratory source to generate a broadband seismic signal in the formation when said driver impacts said slip anvil.

02/13/2003 SSESHE1 00000049 020429 10047728

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